

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107042.D
 Acq On : 2 Jul 2018 14:13
 Operator : JU/SJ
 Sample : J3774-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(2-4)

Manual Integrations
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Quant Time: Jul 03 08:55:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63632	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	235018	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	112040	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	206061	20.00	ng	0.00
75) Chrysene-d12	14.15	240	183590	20.00	ng	-0.01
86) Perylene-d12	15.71	264	149337	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	359625	95.70	ng	0.00
7) Phenol-d6	6.60	99	454191	96.78	ng	-0.01
23) Nitrobenzene-d5	7.52	82	280757	66.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	137026	105.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	550512	82.78	ng	-0.01
78) Terphenyl-d14	13.08	244	576694	76.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	48411	5.761	ng	97
70) Phenanthrene	11.52	178	50181	5.049	ng	99
74) Fluoranthene	12.71	202	66606	6.080	ng	96
77) Pyrene	12.94	202	110867	9.158	ng	98
80) Benzo(a)anthracene	14.14	228	80918	7.232	ng	97
82) Chrysene	14.18	228	68348	6.640	ng	100
85) Indeno(1,2,3-cd)pyrene	17.29	276	45916	5.256	ng	# 86
87) Benzo(b)fluoranthene	15.25	252	93829m	10.114	ng	
88) Benzo(k)fluoranthene	15.27	252	27977m	3.167	ng	
89) Benzo(a)pyrene	15.64	252	102514m	12.431	ng	
90) Dibenzo(a,h)anthracene	17.29	278	15218	2.177	ng	94
91) Benzo(a,h,i)perylene	17.77	276	51904	7.598	ng	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

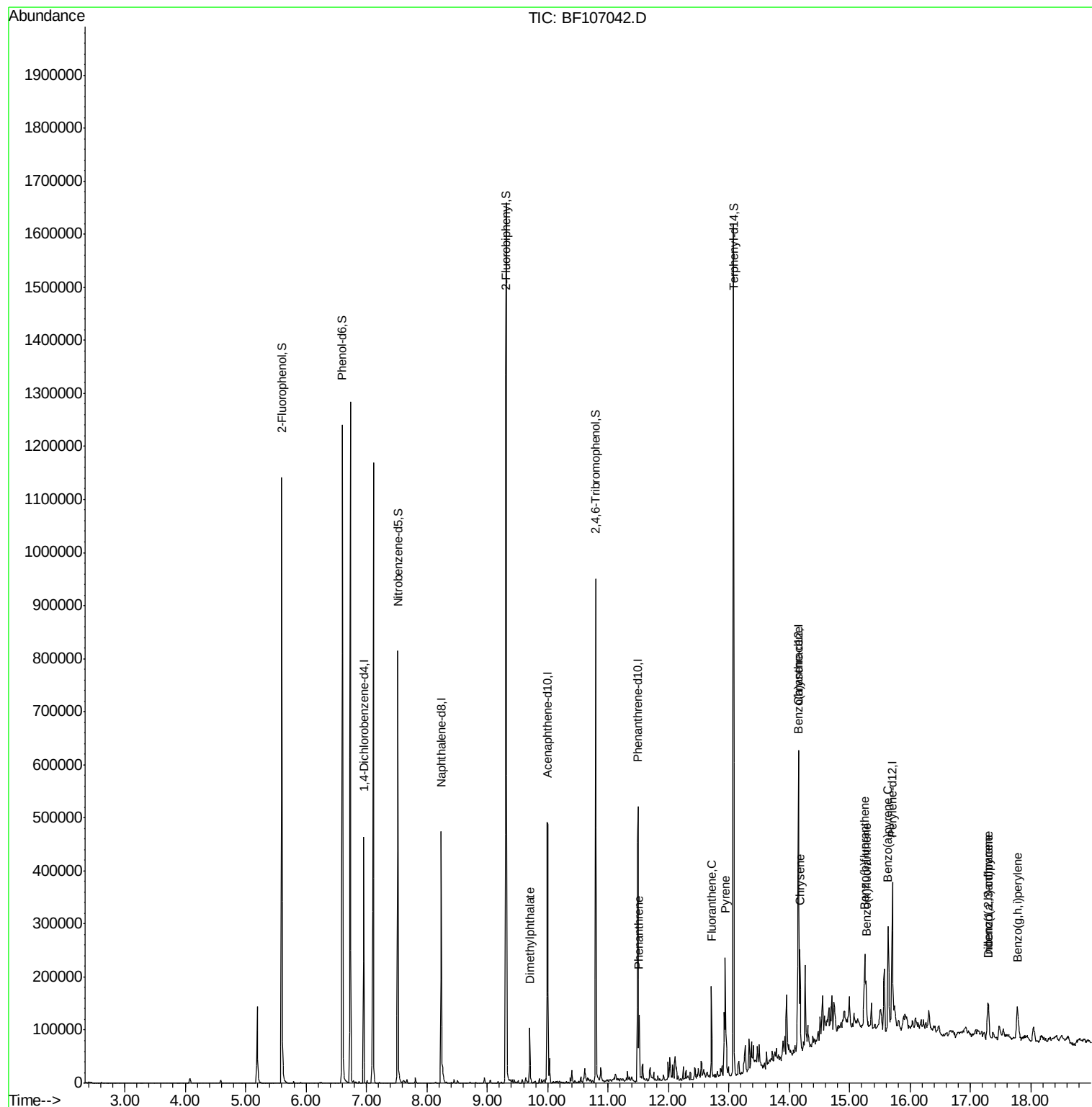
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107042.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

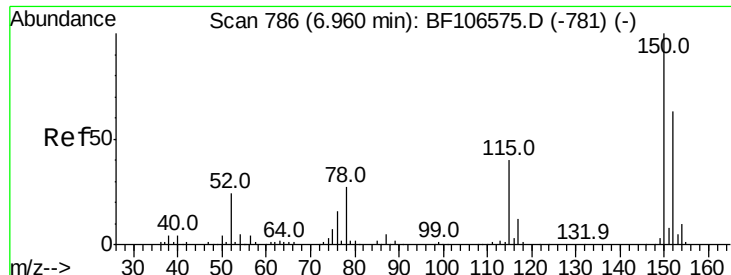
Instrument :
BNA_F
ClientSampled :
SB-6(2-4)

Quant Time: Jul 03 08:55:26 2018
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QLast Update : Fri Jun 29 14:38:29 2018
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#1

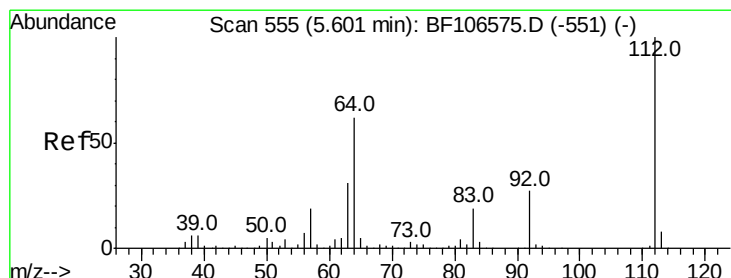
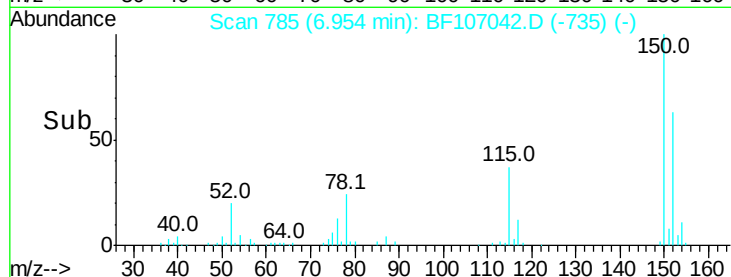
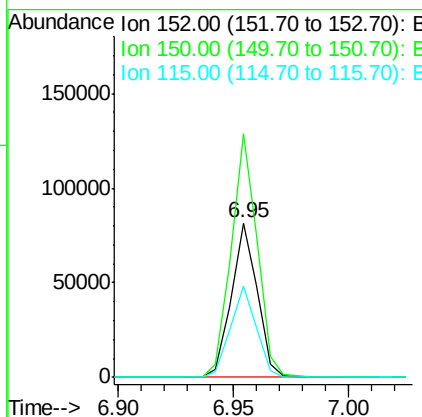
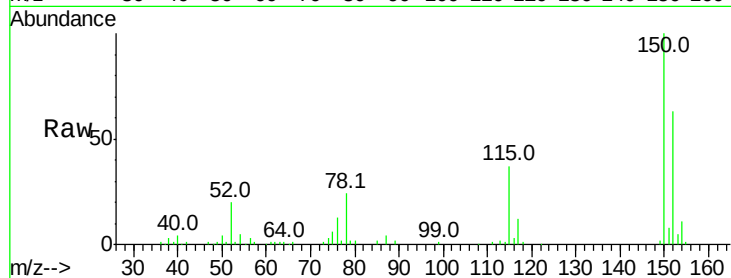
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SB-6(2-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	59.0	50.1	75.1

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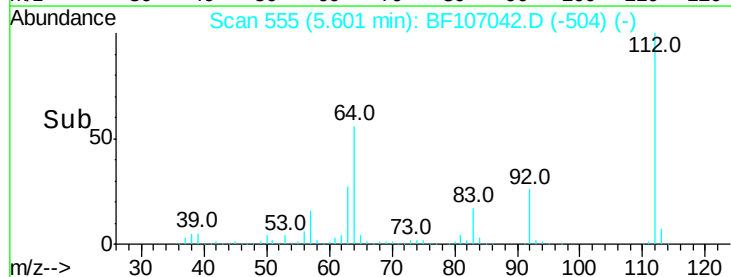
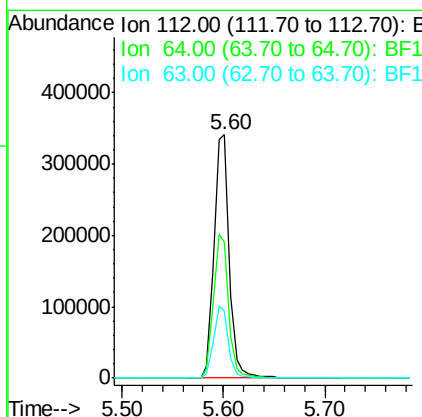
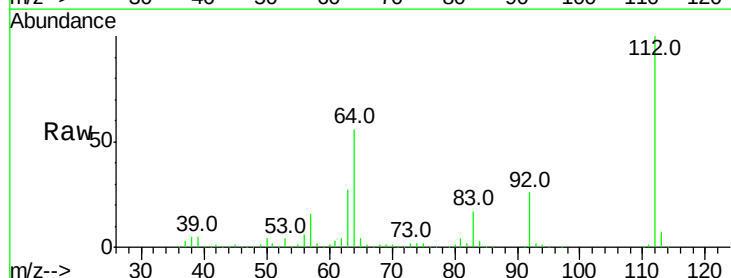
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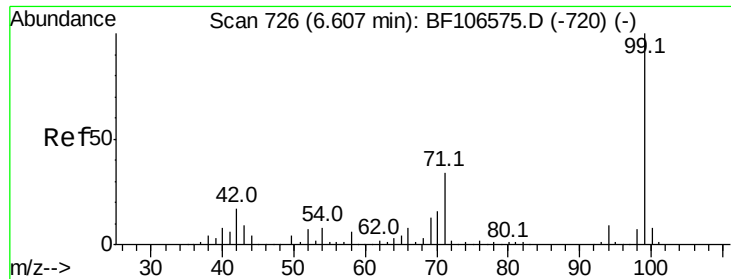


#5

2-Fluorophenol
Concen: 95.700 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 96.785 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Instrument :

BNA_F

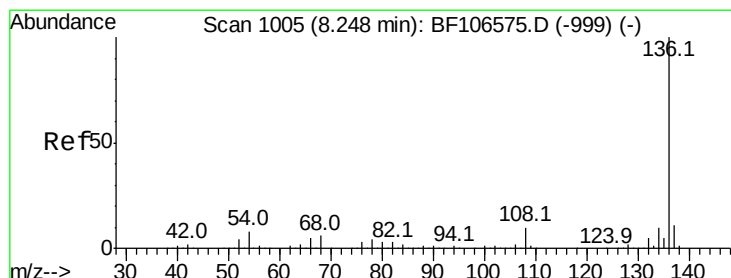
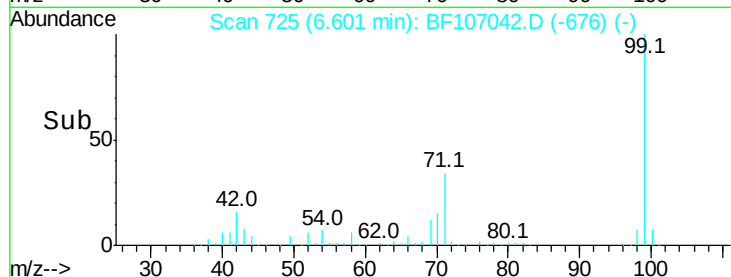
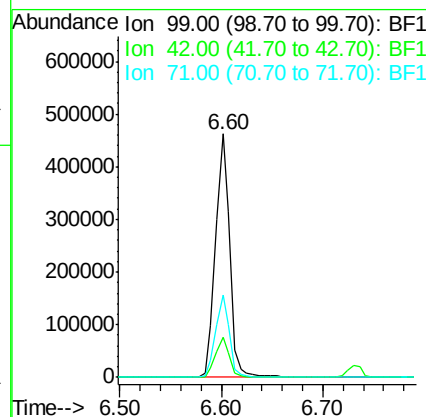
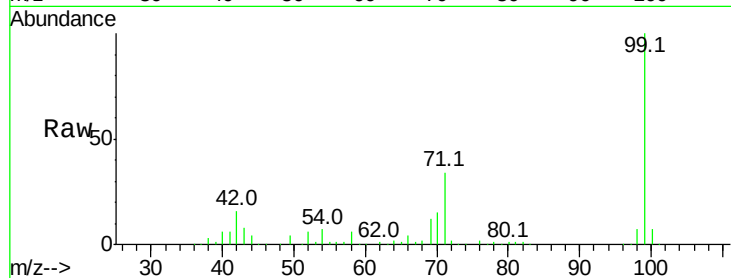
ClientSampled :

SB-6(2-4)

Tot Ion:	99	Resp:	454191
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	33.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

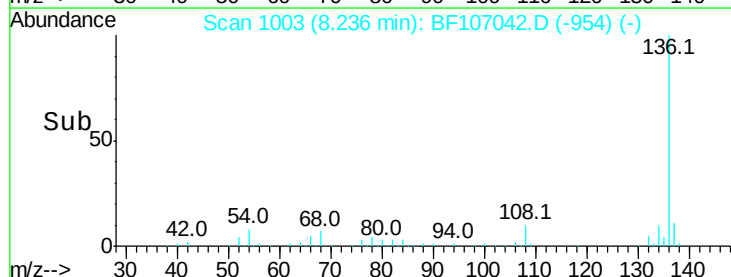
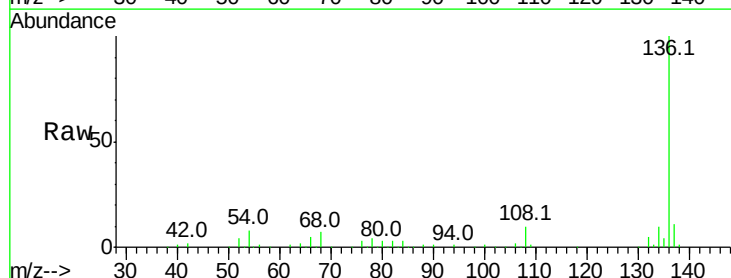
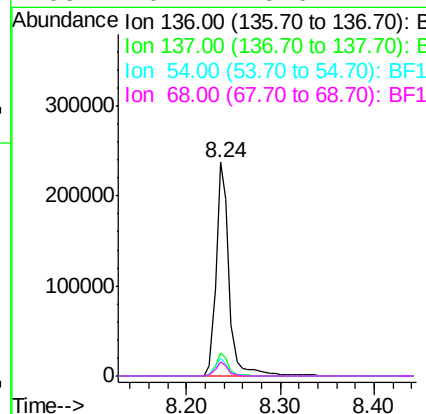
RT: 8.24 min Scan# 1003

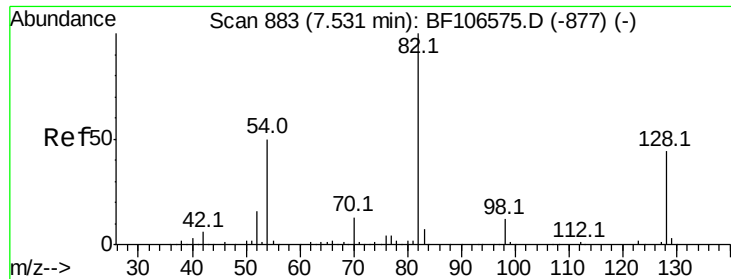
Delta R.T. -0.01 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Tgt Ion:	136	Resp:	235018
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4





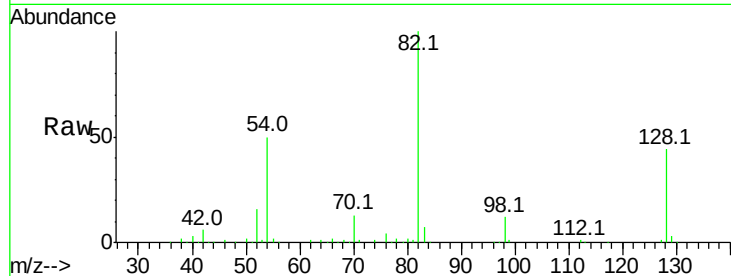
#23
 Nitrobenzene-d5
 Concen: 66.389 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107042.D
 Acq: 2 Jul 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(2-4)

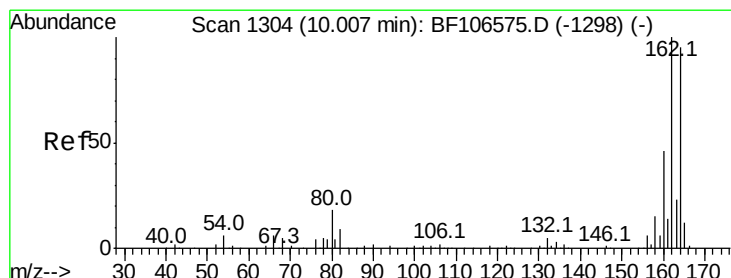
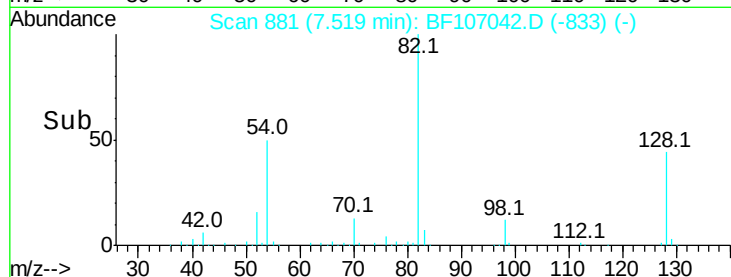
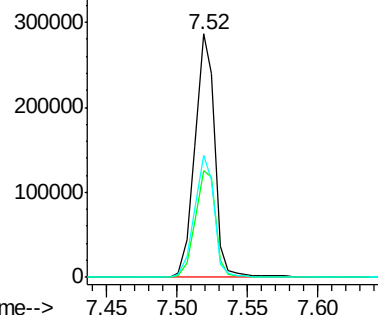
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.9	36.1	54.1	
54	49.9	41.4	62.2	

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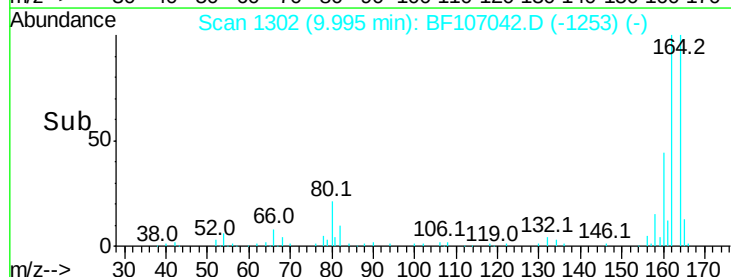
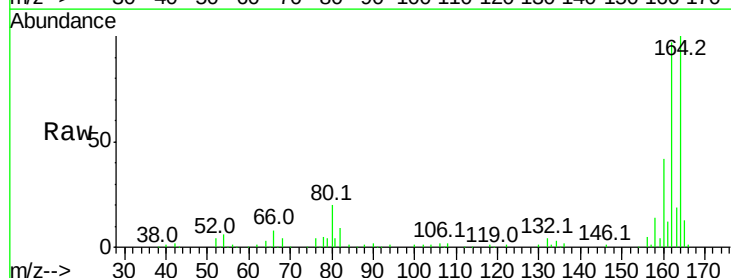
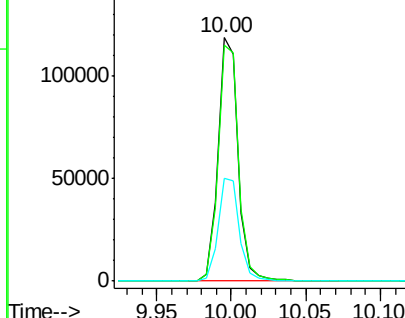
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

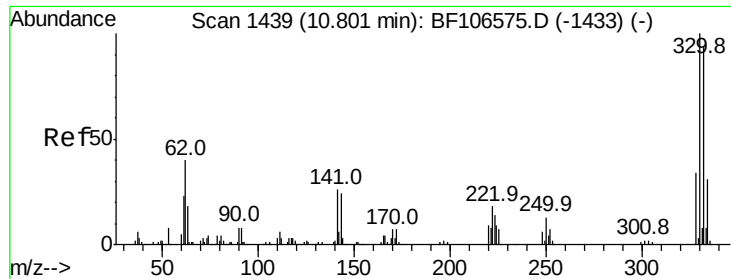


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107042.D
 Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.0	86.1	129.1	
160	42.3	38.3	57.5	

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





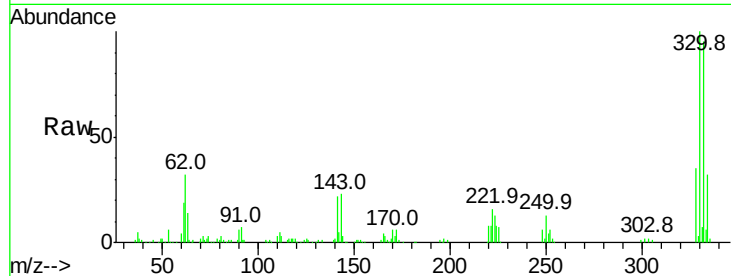
#41
 2,4,6-Tribromophenol
 Concen: 105.520 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107042.D
 Acq: 2 Jul 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(2-4)

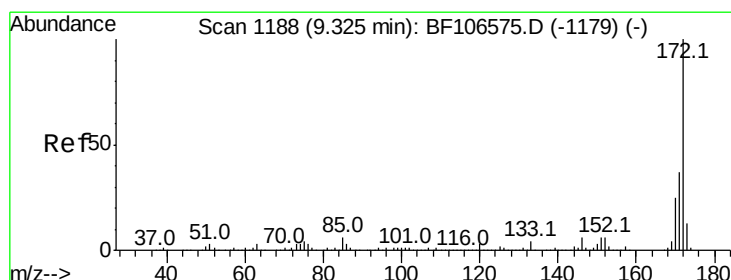
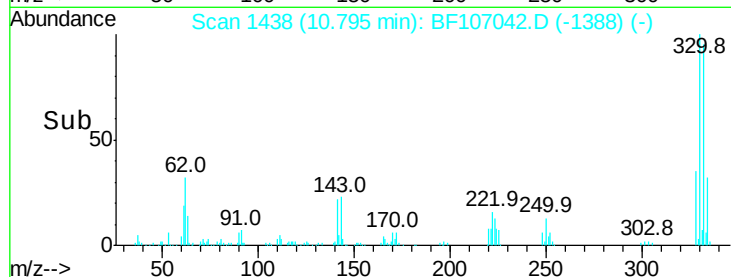
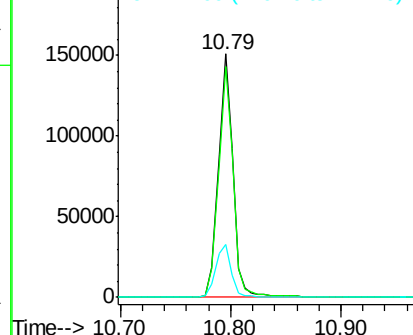
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	23.0	29.9	44.9	

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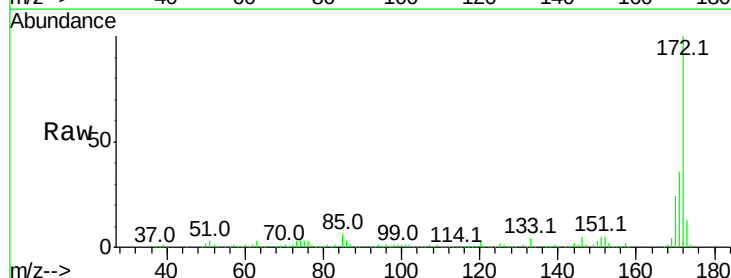


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

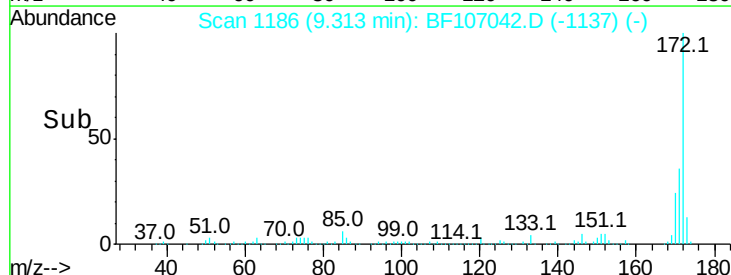
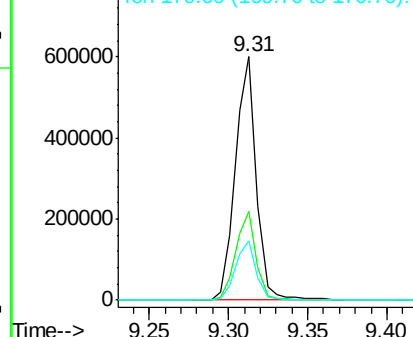


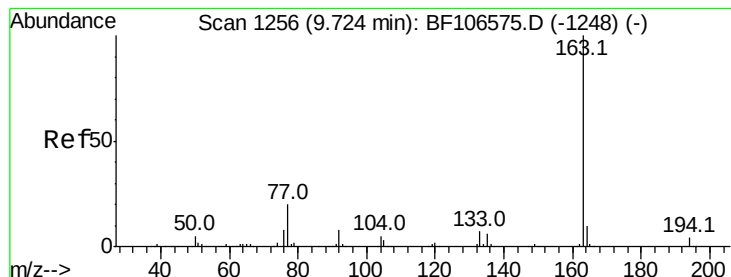
#44
 2-Fluorobiphenyl
 Concen: 82.783 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107042.D
 Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.4	19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.761 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Instrument :

BNA_F

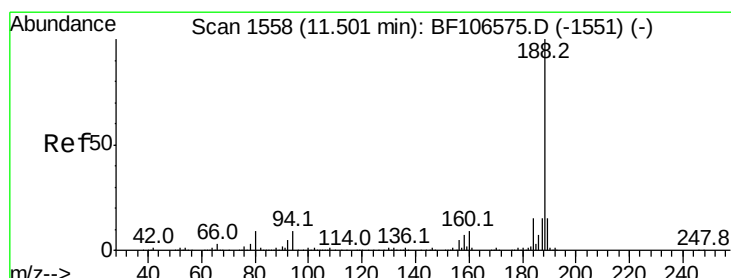
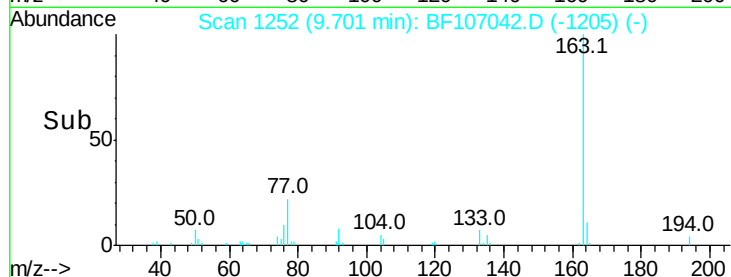
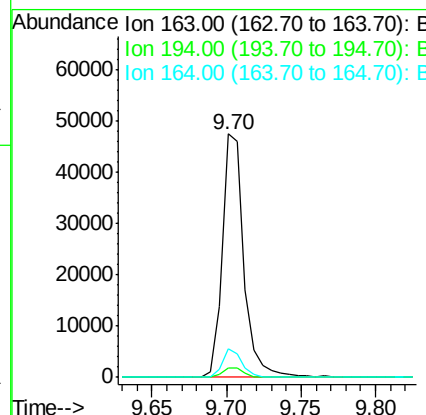
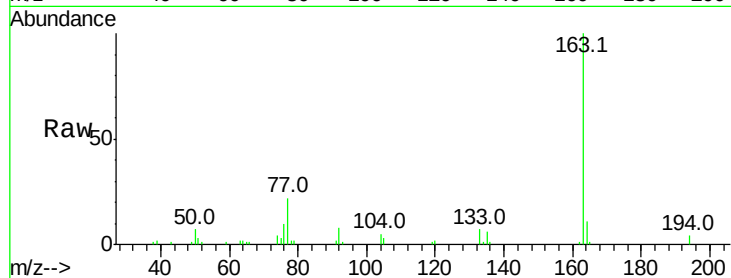
ClientSampleId :

SB-6(2-4)

Tot Ion:	163	Resp:	48411
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	11.5	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

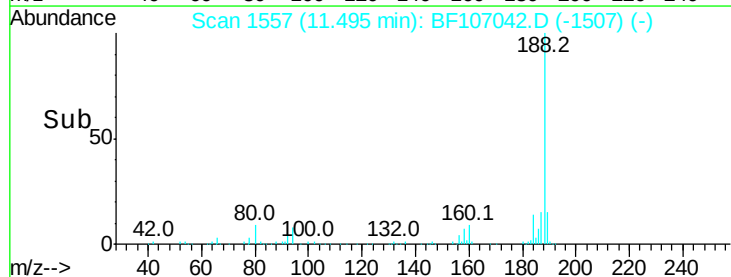
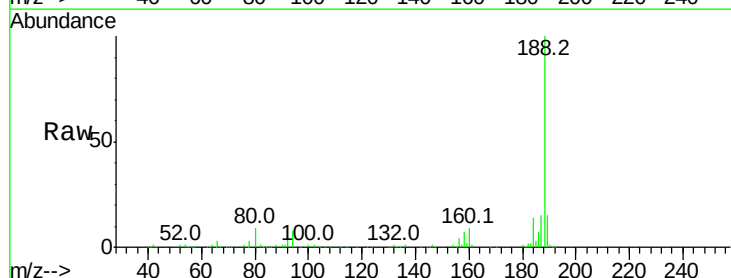
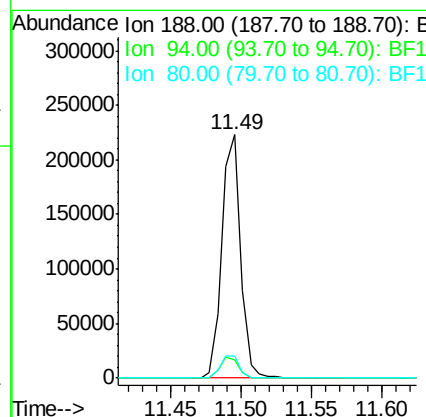
RT: 11.49 min Scan# 1557

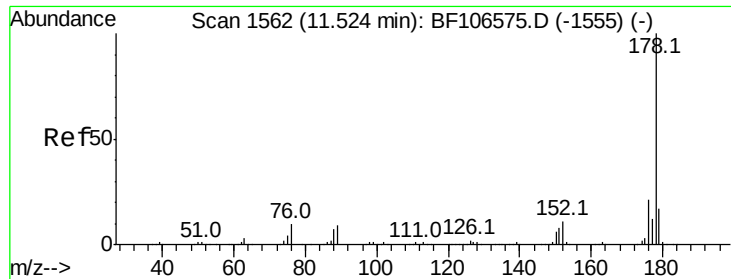
Delta R.T. -0.01 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Tgt Ion:	188	Resp:	206061
Ion Ratio	Lower	Upper	
188	100		
94	7.7	8.5	12.7#
80	8.9	9.2	13.8#





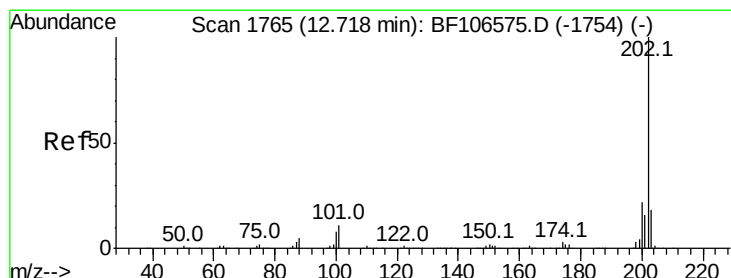
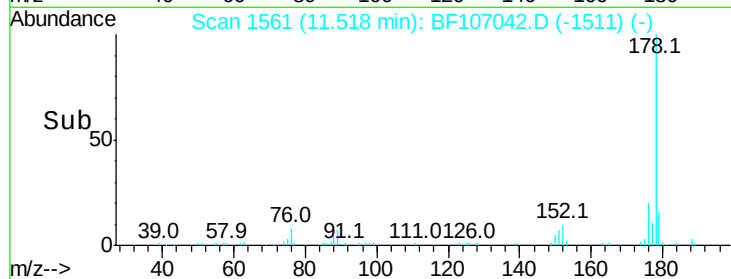
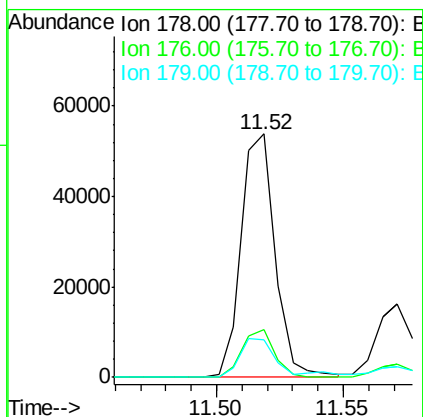
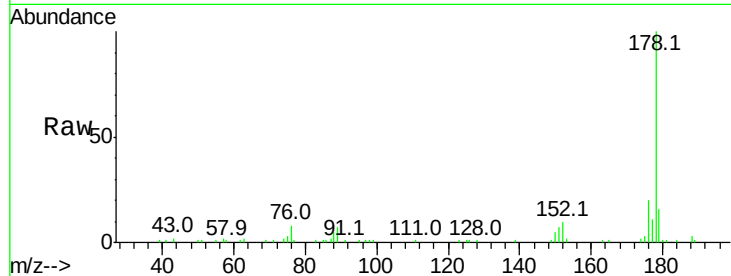
#70
Phenanthrene
Concen: 5.049 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SB-6(2-4)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6

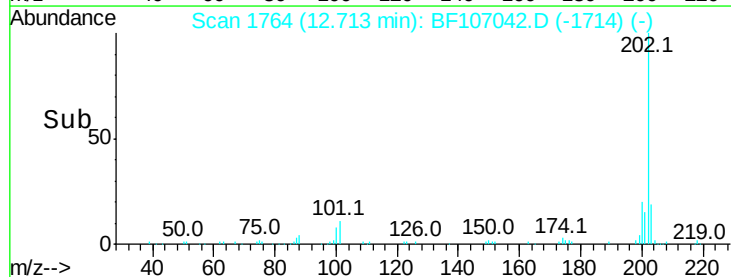
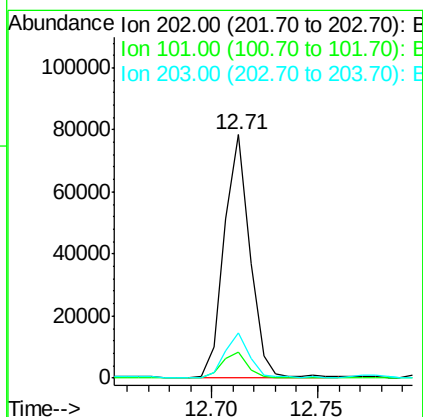
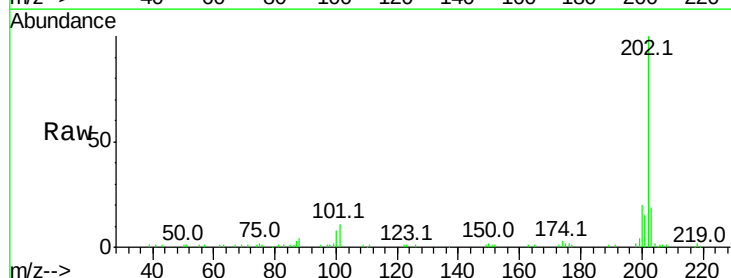
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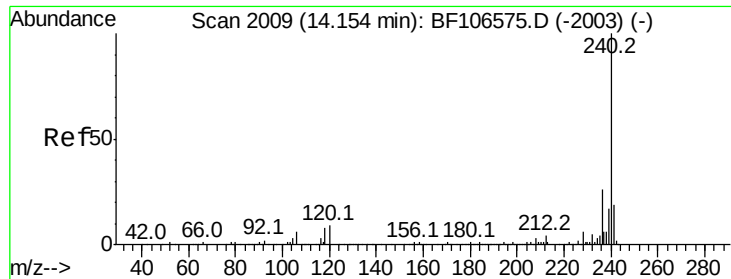
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#74
Fluoranthene
Concen: 6.080 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Instrument :

BNA_F

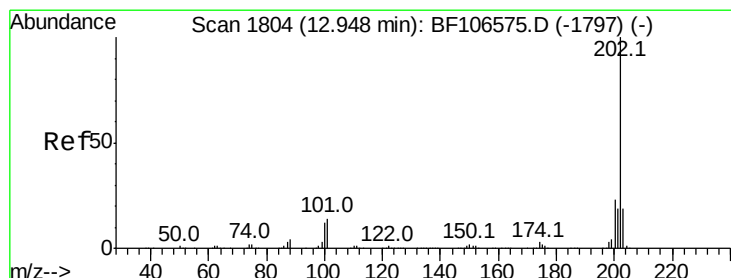
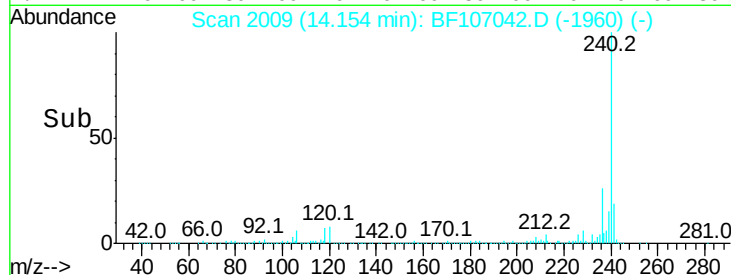
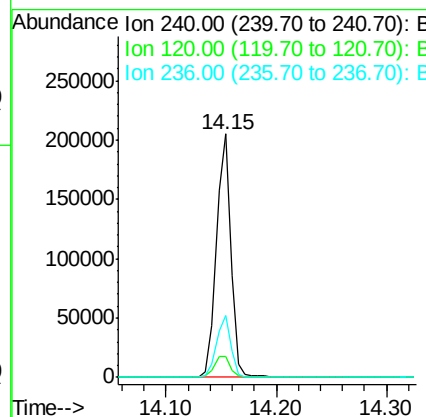
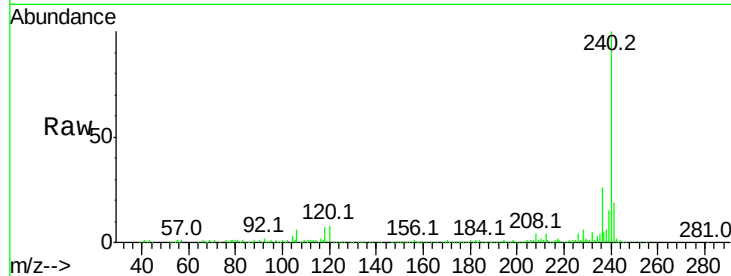
ClientSampled :

SB-6(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	183590		
120	8.4	9.5	14.3	
236	25.7	20.7	31.1	

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#77

Pyrene

Concen: 9.158 ng

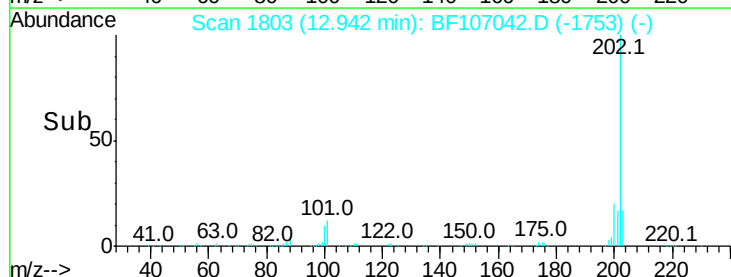
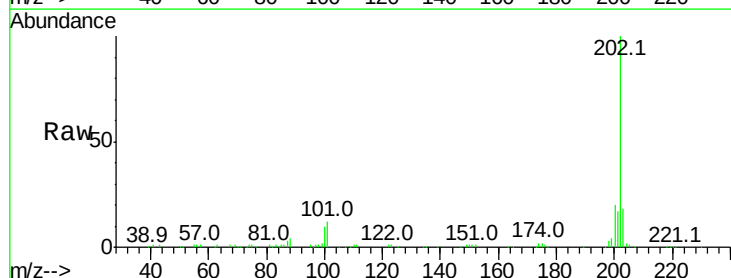
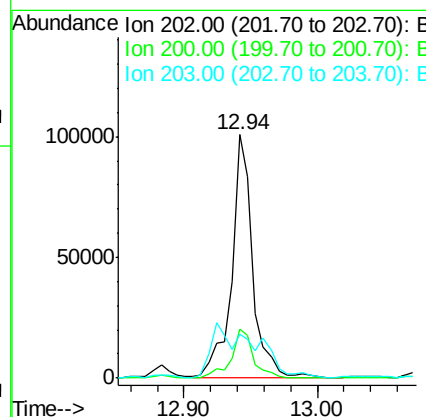
RT: 12.94 min Scan# 1803

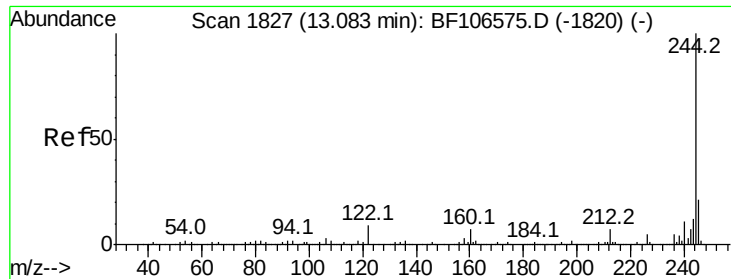
Delta R.T. -0.01 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	110867		
200	20.2	17.4	26.2	
203	18.0	14.3	21.5	





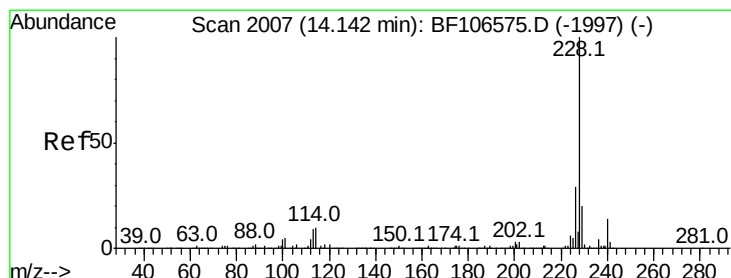
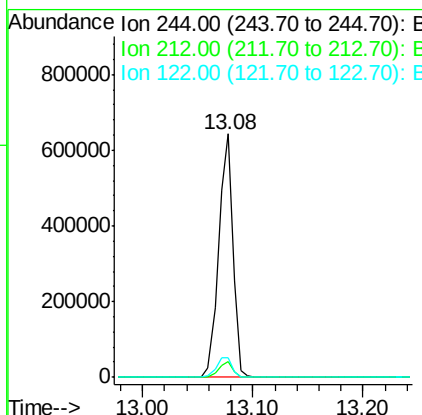
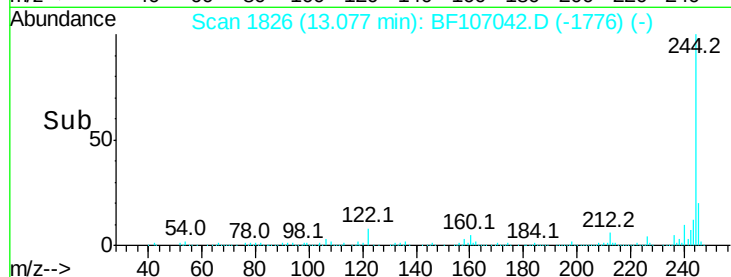
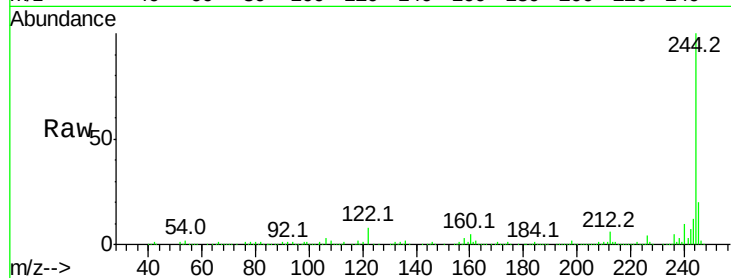
#78
 Terphenyl-d14
 Concen: 76.089 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107042.D
 Acq: 2 Jul 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(2-4)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.1	11.0	16.4

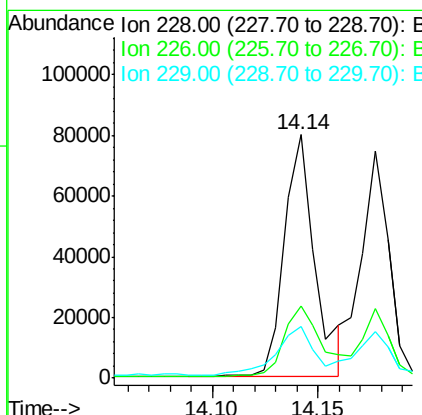
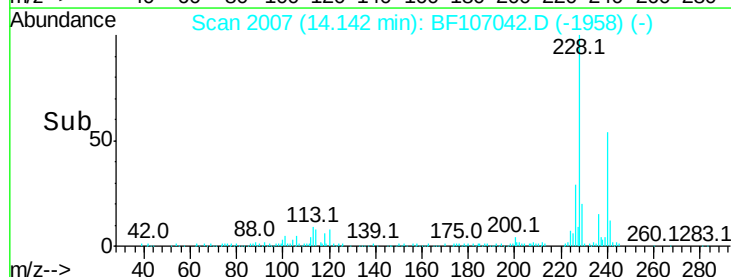
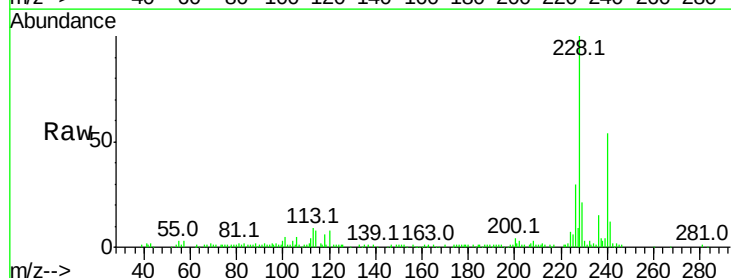
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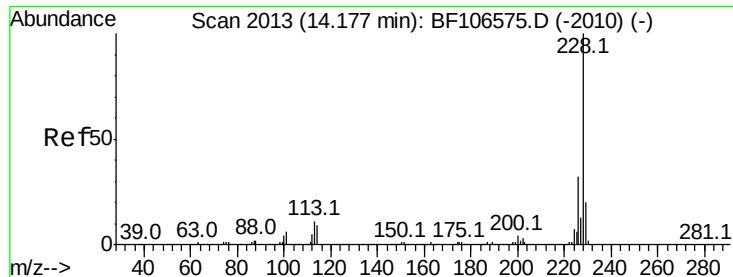
Sohil
 7/3/2018 5:29:46 PM



#80
 Benzo(a)anthracene
 Concen: 7.232 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107042.D
 Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.1	15.8	23.6





#82

Chrysene

Concen: 6.640 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Instrument :

BNA_F

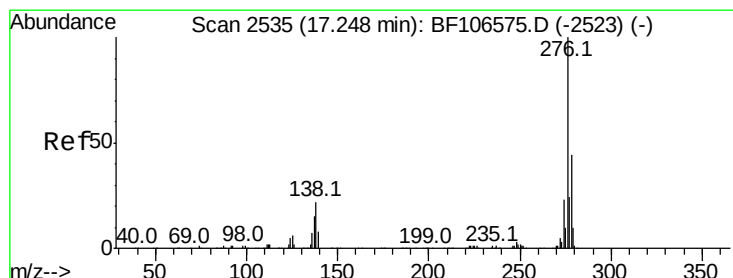
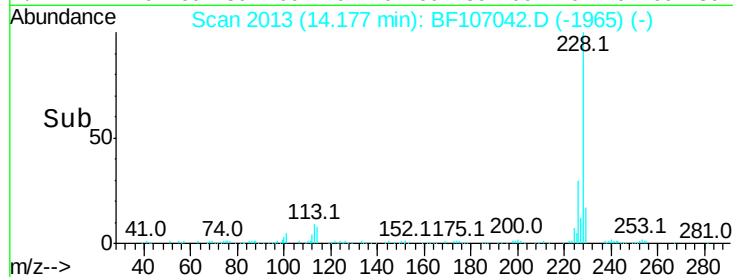
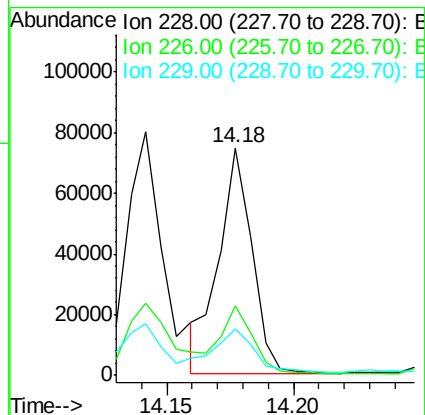
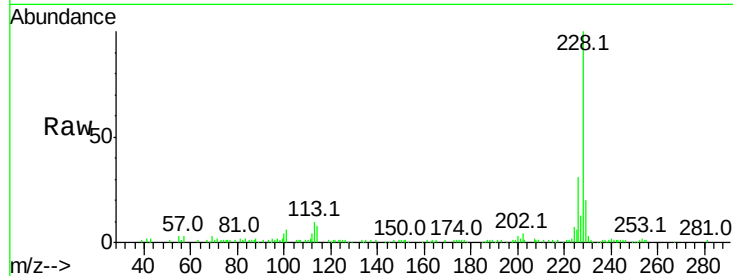
ClientSampleId :

SB-6(2-4)

Tot Ion:	228	Resp:	68348
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	20.3	16.2	24.4

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.256 ng

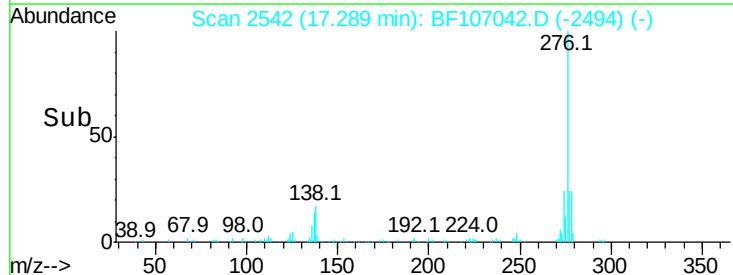
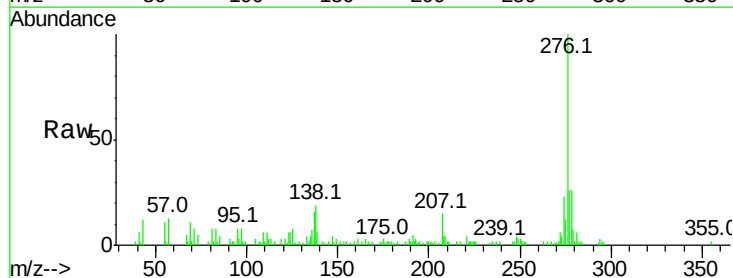
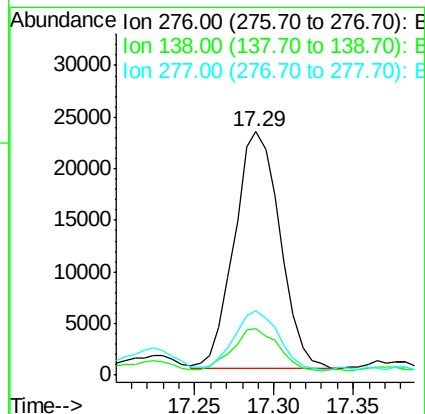
RT: 17.29 min Scan# 2542

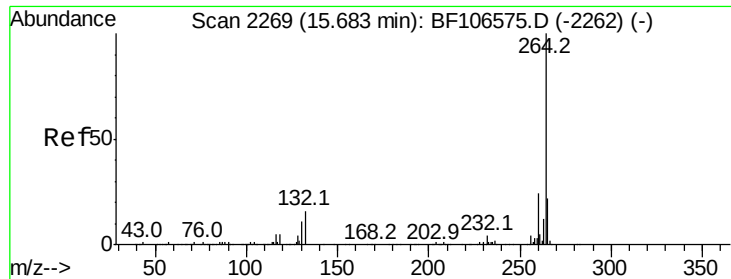
Delta R.T. -0.02 min

Lab File: BF107042.D

Acq: 2 Jul 2018 14:13

Tgt Ion:	276	Resp:	45916
Ion Ratio	Lower	Upper	
276	100		
138	18.2	25.0	37.6#
277	23.7	20.1	30.1





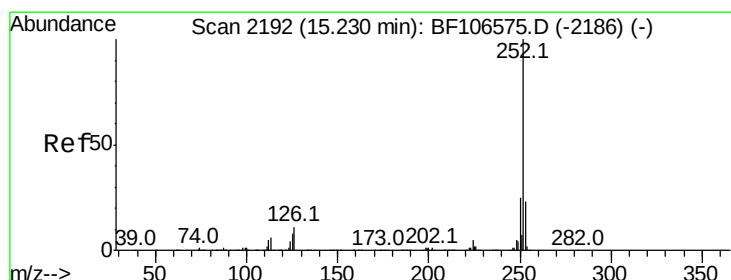
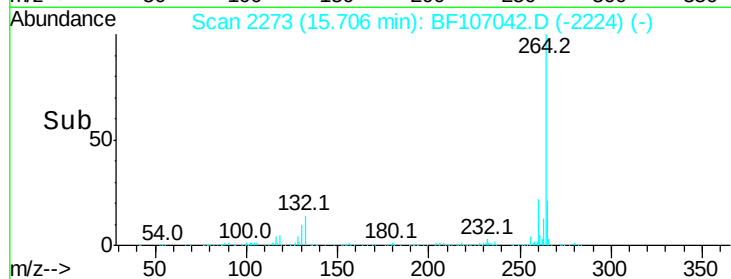
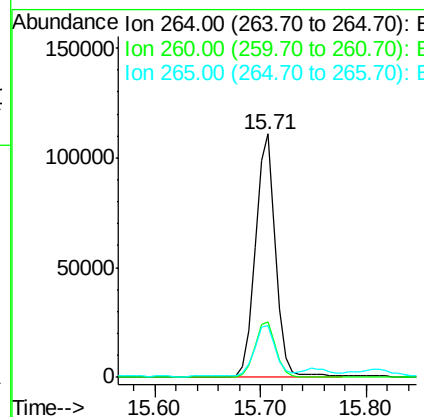
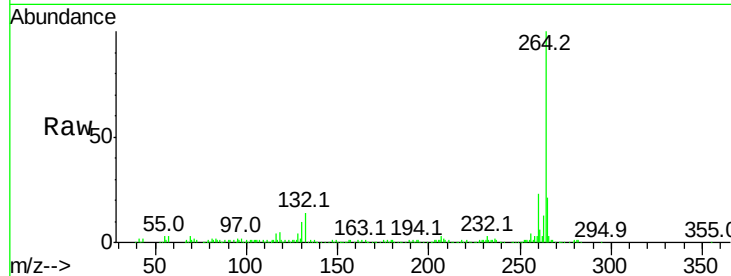
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Instrument :
BNA_F
ClientSampled :
SB-6(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3

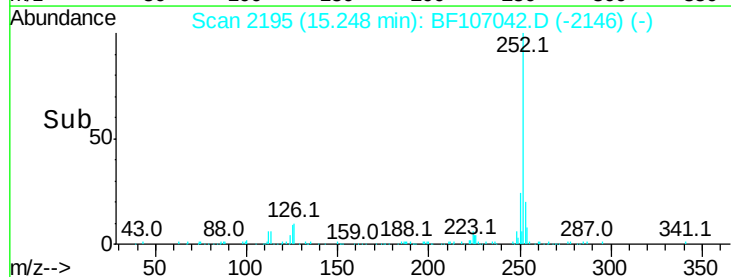
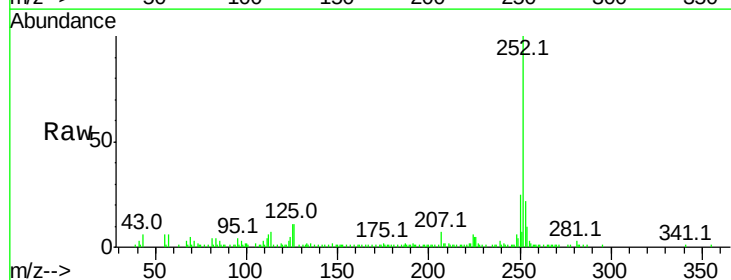
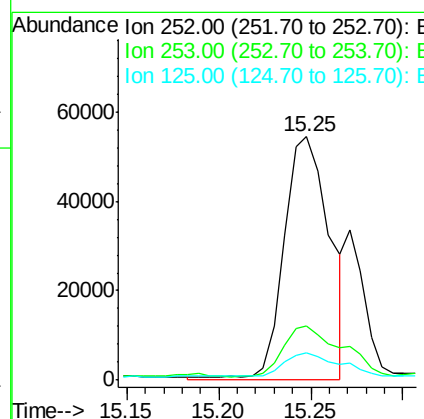
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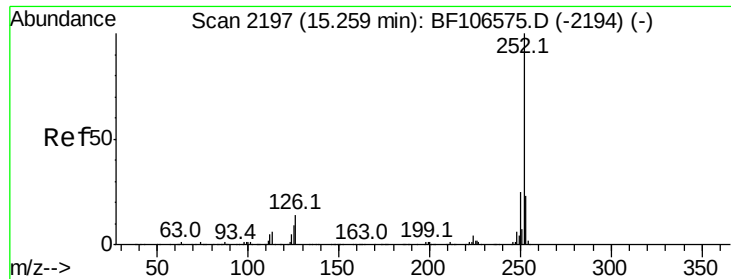
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#87
Benzo(b)fluoranthene
Concen: 10.114 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.1	9.0	13.6





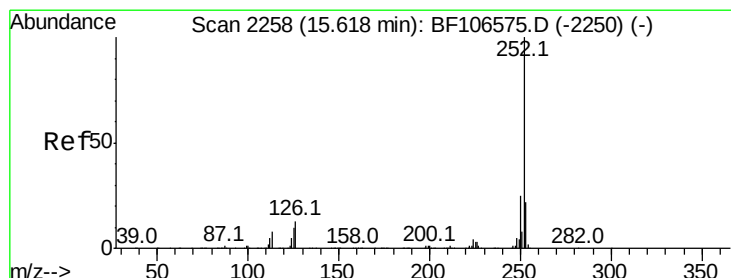
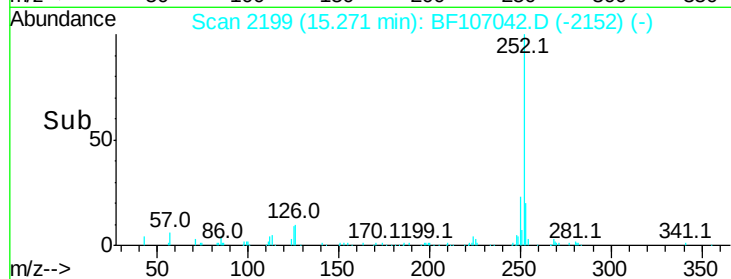
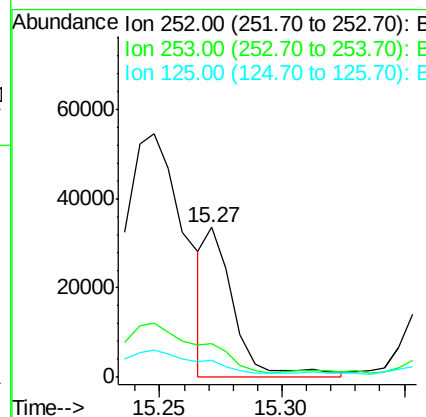
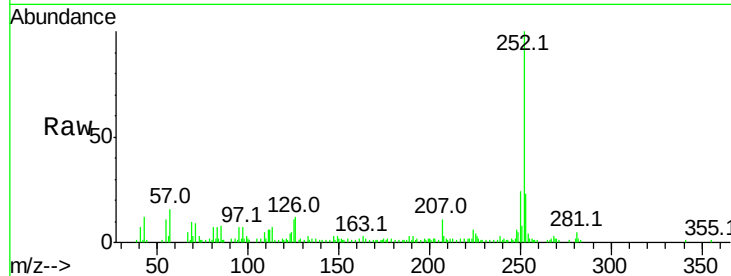
#88
Benzo(k)fluoranthene
Concen: 3.167 ng m
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SB-6(2-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.0	10.2	15.2

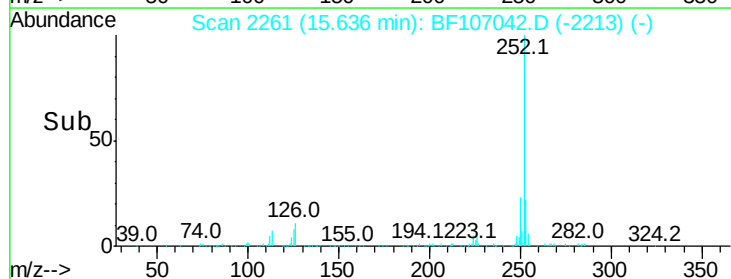
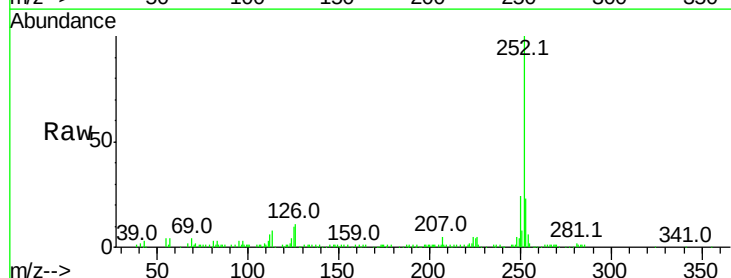
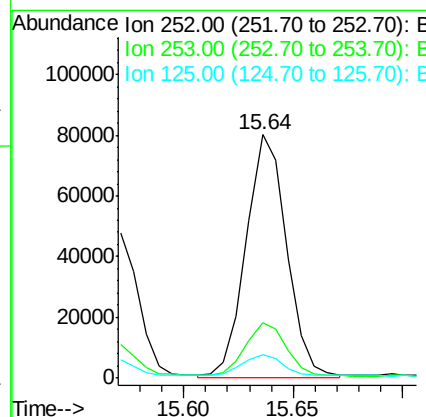
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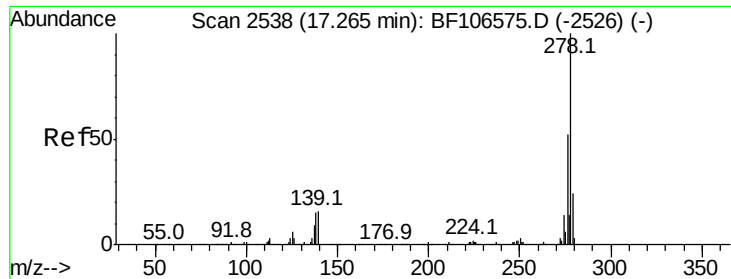
Sohil
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#89
Benzo(a)pyrene
Concen: 12.431 ng m
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.6	9.8	14.6





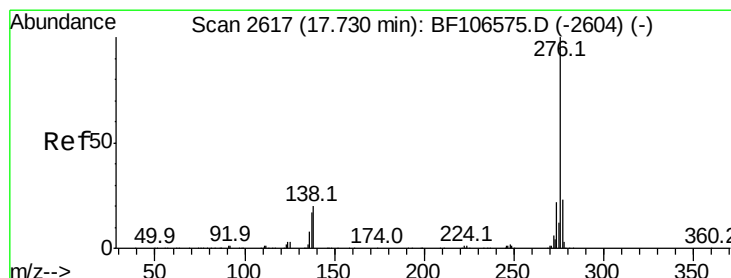
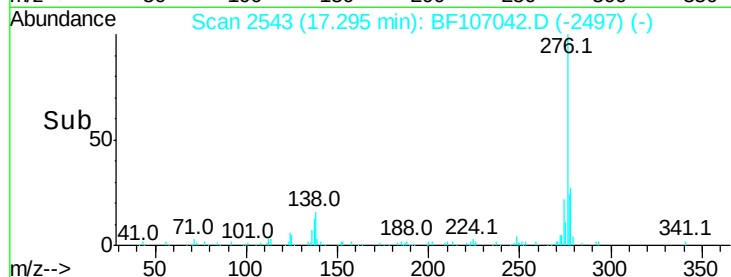
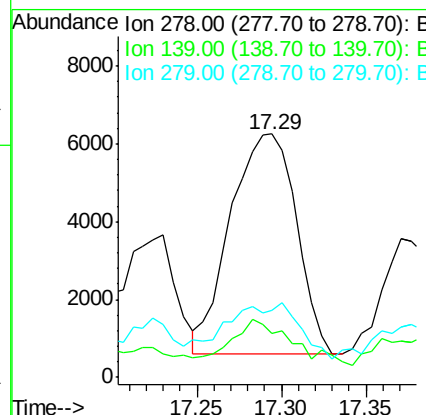
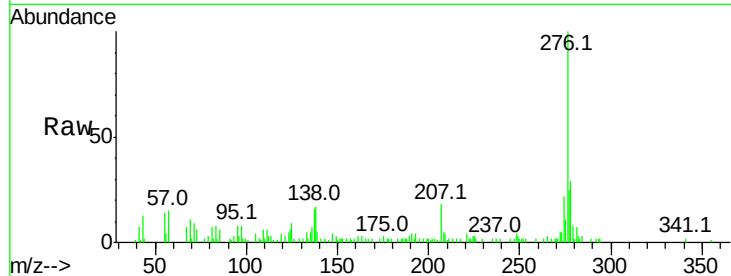
#90
Dibenzo(a,h)anthracene
Concen: 2.177 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Instrument :
BNA_F
ClientSampled :
SB-6(2-4)

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	27.4	19.0	28.4

Manual Integrations
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7/3/2018 5:29:46 PM



#91
Benzo(g,h,i)perylene
Concen: 7.598 ng
RT: 17.77 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF107042.D
Acq: 2 Jul 2018 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	19.7	21.8	32.8

